This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

My residence, post office address, and citizenship are as stated below next to my name. I believe I am the original, first and sole As a below named inventor, I hereby declare that: inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled ONE-STEP PRODUCTION OF 1,3-PROPANEDIOL FROM ETHYLENE OXIDE AND SYNGAS WITH A COBALT-IRON CATALYST the specification of which is attached hereto unless the following box is checked:

PROPA!	NEDIOL FROM ETH TEEMS is che hereto unless the following box is che	ecked:			
attached				nlication	
		Num	ber or PCT International App	production	
∇	was filed on May 15, 2002, as Unite Number 10/146,675 and was amend	d States Application	(if applicable).		
\boxtimes	was med on the 675 and was amend	ed on		· · · · · · · · · · · · · · · · · · ·	aims, as amended
	was filed on May 15, 2005, Number 10/146,675 and was amend y state that I have reviewed and under	Caho	shove-identified specification	i, including the ch	<u> </u>
	The reviewed and under	stand the contents of the a	10040 140		
I hereb	y state that I have reviewed and and				
hy any	amendment referred to above. owledge the duty to disclose informations are the control of the c		visition defined in 27 C	CFR § 1.56.	
U)		ion which is material to pa	itentability as defined in	-	
Lackne	owledge the duty to disclose informations by claim foreign priority benefits under the control of any PCT Internations of the control of the	Oli William .	- C - Foreign 31	nnlication(s) for p	atent or inventor s
Lackin	1	25 USC 8 119(a)-(d)	or § 365(b) of any loreign approximate	y other than the U	nited States, listed
v 1	by claim foreign priority benefits und		esignated at least one country	et or inventor's C	certificate, or PCT
I here	or \$ 365(a) of any PCT Internat	ional application willow	foreign application for pater	in of myontor -	
certifi	by claim foreign priority benefits undecate, or § 365(a) of any PCT Internate and have also identified below by national application having a filing data	checking the box, and checking the samplic	eation on which priority is cla	umea.	Priority
below	and have also labeled a filing dat	e before that of the application	Account to		Not Claimed
Interr	national application having				
			DAY/MONTH/YE	AK FILED	٠ اـــا
PRIC	OR FOREIGN APPLICATION(S)	COUNTRY		TAD EU ED	\Box
APP	LICATION NUMBER		DAY/MONTH/YE	:AK FILLD	L
	ON THE PARTY OF TH	COUNTRY			•
API	PLICATION NUMBER			as the state of th	
L	reby claim the benefit under 35 U.S.C	TT.:and (States provisional application	i(s) listed below.	
		. § 119(e) of any United 3	Flates proFl	ILING DATE	
I he	reby claim the benefit under 33		M	lay 18, 2001	
I AP	PLICATION SERGER		F	ILING DATE	
1 /0	201 927				
A	PPLICATION SERIAL NO.			- cm I -4	ametional application

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application designating the United States, listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available

between the filing date of the prior application and the national or PCT International filing date of this application. STATUS-PATENTED, PENDING, ABANDONED APPLICATION SERIAL NO. FILING DATE APPLICATION SERIAL NO.

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and

() and/or agent(s) to prosect	Mie mis abbass	
int the following attorney(s) and/or agent(s) and		TELEPHONE NUMBER
I hereby appoint the following attorney(s) and/or agent(s) to prosect	REGISTRATION NUMBER	TELETION 241 2256
The description of the connected therewith.	KLO1011-	(713) 241-3356
Trademark Office connected therewith: ATTORNEY/AGENT	26,177	TELEPHONE NUMBER
NAME Attorney	REGISTRATION NUMBER	(713) 241-3716
Donald F. Haas ATTORNEY/AGENT	KEGIS I KATIOTA	(713) 241-3710
Donald 1. Hads ATTORNE TAGERY	30,081	Revised June 1995
NAME Attorney		
Richard F. Lemuth		
Nichard 1.		

SEND CORRESPONDENCE TO:

(NAME) Donald F. Haas c/o Shell Oil Company **Intellectual Property** P.O. Box 2463 Houston, TX 77252-2463

Page 2 of 3

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

FULL NAME OF SOLE OR FIRST INVENTOR (given name, family name)

ATTORNEY'S DOCKET NO.
TH1615 (US)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

John Frederick KNIFTON	
INVENTOR'S SIGNATURE	9 DATE SIGNED
John Miderick Mufter	My 10, 2002
RESIDENCE	CITIZENSHIP
14855 Memorial Drive #2501, Houston, Texas 77079	United States
POST OFFICE ADDRESS	
14855 Memorial Drive #2501, Houston, Texas 77079	
FULL NAME OF SECOND JOINT INVENTOR, IF ANY (given name, family name)	
Talmadge Gail JAMES	
SECOND INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE	CITIZENSHIP
3346 South Pinebark, Conroe, Texas 77303	United States
POST OFFICE ADDRESS	
3346 South Pinebark, Conroe, Texas 77303	
FULL NAME OF SOLE OR FIRST INVENTOR (given name, family name)	
Lynn Henry SLAUGH	
INVENTOR'S SIGNATURE	DATE SIGNED
Jan Henry Slaugh	July 1/2 2002
RESIDENCE	CITIZENSHIP
13415 Copeland Oaks Road, Houston, Texas 77429	United States
13415 Copeland Oaks Road, Houston, Texas 77429 POST OFFICE ADDRESS	
13415 Copeland Oaks Road, Houston, Texas 77429	
13415 Copeland Oaks Road, Houston, Texas 77429 POST OFFICE ADDRESS	•
13415 Copeland Oaks Road, Houston, Texas 77429 POST OFFICE ADDRESS	
13415 Copeland Oaks Road, Houston, Texas 77429 POST OFFICE ADDRESS 13415 Copeland Oaks Road, Houston, Texas 77429	
13415 Copeland Oaks Road, Houston, Texas 77429 POST OFFICE ADDRESS 13415 Copeland Oaks Road, Houston, Texas 77429 FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name)	DATE SIGNED
13415 Copeland Oaks Road, Houston, Texas 77429 POST OFFICE ADDRESS 13415 Copeland Oaks Road, Houston, Texas 77429 FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name) Paul Richard WEIDER	DATE SIGNED
13415 Copeland Oaks Road, Houston, Texas 77429 POST OFFICE ADDRESS 13415 Copeland Oaks Road, Houston, Texas 77429 FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name) Paul Richard WEIDER	DATE SIGNED
13415 Copeland Oaks Road, Houston, Texas 77429 POST OFFICE ADDRESS 13415 Copeland Oaks Road, Houston, Texas 77429 FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name) Paul Richard WEIDER FOURTH INVENTOR'S SIGNATURE Faul Richard Told	DATE SIGNED 5 alg. 10, 2002
13415 Copeland Oaks Road, Houston, Texas 77429 POST OFFICE ADDRESS 13415 Copeland Oaks Road, Houston, Texas 77429 FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name) Paul Richard WEIDER FOURTH INVENTOR'S SIGNATURE Paul Richard Paul Richard Paul Residence 15014 Tramore, Houston, Texas 77083 POST OFFICE ADDRESS	DATE SIGNED Tuly 10, 2002 CITIZESISHIP
13415 Copeland Oaks Road, Houston, Texas 77429 POST OFFICE ADDRESS 13415 Copeland Oaks Road, Houston, Texas 77429 FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name) Paul Richard WEIDER FOURTH INVENTOR'S SIGNATURE Paul Richard Fourth Inventor of Signature RESIDENCE 15014 Tramore, Houston, Texas 77083	DATE SIGNED Tuly 10, 2002 CITIZBUSHIP
13415 Copeland Oaks Road, Houston, Texas 77429 POST OFFICE ADDRESS 13415 Copeland Oaks Road, Houston, Texas 77429 FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name) Paul Richard WEIDER FOURTH INVENTOR'S SIGNATURE Paul Richard Paul Richard Paul Residence 15014 Tramore, Houston, Texas 77083 POST OFFICE ADDRESS	DATE SIGNED Tuly 10, 2002 CITIZESISHIP
13415 Copeland Oaks Road, Houston, Texas 77429 POST OFFICE ADDRESS 13415 Copeland Oaks Road, Houston, Texas 77429 FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name) Paul Richard WEIDER FOURTH INVENTOR'S SIGNATURE Paul Richard Paul Richard Paul Residence 15014 Tramore, Houston, Texas 77083 POST OFFICE ADDRESS	DATE SIGNED Tales 10, 2002 CITIZENSHIP
13415 Copeland Oaks Road, Houston, Texas 77429 POST OFFICE ADDRESS 13415 Copeland Oaks Road, Houston, Texas 77429 FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name) Paul Richard WEIDER FOURTH INVENTOR'S SIGNATURE Paul Richard Tramore, Houston, Texas 77083 POST OFFICE ADDRESS 15014 Tramore, Houston, Texas 77083	DATE SIGNED Tales 10, 2002 CITIZENSHIP
13415 Copeland Oaks Road, Houston, Texas 77429 POST OFFICE ADDRESS 13415 Copeland Oaks Road, Houston, Texas 77429 FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name) Paul Richard WEIDER FOURTH INVENTOR'S SIGNATURE Paul Richard WEIDER RESIDENCE 15014 Tramore, Houston, Texas 77083 POST OFFICE ADDRESS 15014 Tramore, Houston, Texas 77083	DATE SIGNED Tales 10, 2002 CITIZENSHIP
13415 Copeland Oaks Road, Houston, Texas 77429 POST OFFICE ADDRESS 13415 Copeland Oaks Road, Houston, Texas 77429 FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name) Paul Richard WEIDER FOURTH INVENTOR'S SIGNATURE Paul Richard Fourth Inventor, Signature RESIDENCE 15014 Tramore, Houston, Texas 77083 POST OFFICE ADDRESS 15014 Tramore, Houston, Texas 77083 FULL NAME OF THIRD JOINT INVENTOR, IF ANY (given name, family name) Kevin Dale ALLEN	DATE SIGNED Sulg 10, 2002 CITIZENSHIP United States
POST OFFICE ADDRESS 13415 Copeland Oaks Road, Houston, Texas 77429 FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name) Paul Richard WEIDER FOURTH INVENTOR'S SIGNATURE RESIDENCE 15014 Tramore, Houston, Texas 77083 POST OFFICE ADDRESS 15014 Tramore, Houston, Texas 77083 FULL NAME OF THIRD JOINT INVENTOR, IF ANY (given name, family name) Kevin Dale ALLEN THIRD INVENTOR'S SIGNATURE	DATE SIGNED Sulg 10, 2002 CITIZENSHIP United States DATE SIGNED
POST OFFICE ADDRESS 13415 Copeland Oaks Road, Houston, Texas 77429 FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name) Paul Richard WEIDER FOURTH INVENTOR'S SIGNATURE RESIDENCE 15014 Tramore, Houston, Texas 77083 POST OFFICE ADDRESS 15014 Tramore, Houston, Texas 77083 FULL NAME OF THIRD JOINT INVENTOR, IF ANY (given name, family name) Kevin Dale ALLEN THIRD INVENTOR'S SIGNATURE	DATE SIGNED Sug 10, 2002 CITIZBUSHIP United States DATE SIGNED Suy 16, 2002
POST OFFICE ADDRESS 13415 Copeland Oaks Road, Houston, Texas 77429 FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name) Paul Richard WEIDER FOURTH INVENTOR'S SIGNATURE Paul Richard WEIDER RESIDENCE 15014 Tramore, Houston, Texas 77083 POST OFFICE ADDRESS 15014 Tramore, Houston, Texas 77083 FULL NAME OF THIRD JOINT INVENTOR, IF ANY (given name, family name) Kevin Dale ALLEN THIRD INVENTOR'S SIGNATURE	DATE SIGNED Sug 10, 2002 CITIZENSHIP United States DATE SIGNED CITIZENSHIP

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful

elieved to be true; and further that these satisfies under Section 1001 of The Too. and elieved to be true; and further that these satisfies under Section 1001 of The Too. and elieved to be true; and further that these satisfies under Section 1001 of The Too. and elieved to be true; and further that these satisfies under Section 1001 of The Too. and elieved to be true; and further that these satisfies under Section 1001 of The Too. and elieved to be true; and further that these satisfies under Section 1001 of The Too. and elieved to be true; and further that these satisfies under Section 1001 of The Too. and elieved to be true; and further that these satisfies under Section 1001 of The Too. and elieved to be true; and further that these satisfies under Section 1001 of The Too. and elieved to be true; all true; all true; all true; all	
elieved to be true; and further that these statement, or both, under Section 1001 of Title To or an eare punishable by fine or imprisonment, or both, under Section 1001 of Title To or an eare punishable by fine or imprisonment, or both, under Section 1001 of Title To or an eare punishable by fine or imprisonment, or both, under Section 1001 of Title To or an eare punishable by fine or imprisonment, or both, under Section 1001 of Title To or an eare punishable by fine or imprisonment, or both, under Section 1001 of Title To or an eare punishable by fine or imprisonment, or both, under Section 1001 of Title To or an eare punishable by fine or imprisonment, or both, under Section 1001 of Title To or an eare punishable by fine or imprisonment, or both, under Section 1001 of Title To or an eare punishable by fine or imprisonment, or both, under Section 1001 of Title To or an eare punishable by fine are punishab	
LL NAME OF SOLE OR FIRST INVENTOR (given name, family name)	DATE SIGNED
	July 11, 2002.
Seph Broun POWER VENTOR'S SIGNATURE FINA BUILD 77070	CITIZENSHIP
WINTOR SOCIAL PARELL	United States
(1271 (1211) pocco)	
ESIDENCE Houston, Texas 77070	
OSO6 Normont Drive, Houston, Texas 77070	
OST OFFICE ADDRESS 10506 Normont Drive, Houston, Texas 77070	
10506 Normone Divis	
FULL NAME OF SECOND JOINT INVENTOR, IF ANY (given name, family name)	DATE SIGNED
FULL NAME OF SECOND JOINT IN VENTOR	DATE SIGNE
	am icuip
SECOND INVENTOR'S SIGNATURE	CITIZENSHIP
RESIDENCE	
POST OFFICE ADDRESS	
(iven name family name)	
FULL NAME OF THIRD JOINT INVENTOR, IF ANY (given name, family name)	DATE SIGNED
FULL NAME OF	
THIRD INVENTOR'S SIGNATURE	CITIZENSHIP
THIRD INVENTOR 3 SIGN	
RESIDENCE	
POST OFFICE ADDRESS	
L name, family name)	
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name)	DATE SIGNED
FULL NAME OF 199	
FOURTH INVENTOR'S SIGNATURE	CITIZENSHIP
FOURTH INVENTOR S SIGNAL	Citable
RESIDENCE	
POST OFFICE ADDRESS	
family name)	
FULL NAME OF FIFTH I JOINT INVENTOR, IF ANY (given name, family name)	DATE SIGNED
FULL NAME OF FIT THE	
POPUS SIGNATURE	CITIZENSHIP
FIFTH INVENTOR'S SIGNATURE	CHKENSIII
RESIDENCE	
RESIDENCE	
RESIDENCE POST OFFICE ADDRESS	

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

PagePage	1 of 3
ATTORNEY'S DOCKET	NO.
TH1615 (US)	

As a below named inventor, I hereby declare that:

My resi	dence,	pos	st office	addres	ss, ar	nd citiz	zensh	ip ar	e as	s stated	belo	n wc	ext to m	y name	e. I	believ	e I ar	n the	origi	inal, f	irst a	nd sole
inventor	(if on	ly (one name	e is lis	ted l	below)	or a	n ori	gina	al, first	and	join	t invento	r (if pl	ural	name	es are	listed	d belo	o (wc	f the	subject
matter	which	is	claimed	and	for v	which	a pa	tent	is	sought	on	the	invention	n entit	led	ONE	-STE	P PR	JOO.	ICTIC	O MC	F 1,3-
PROPA	NEDI	DL	FROM E	THY	LEN	E OXI	DE A	ND:	SYI	NGAS	WIT	ΉΑ	COBAL	T-IRO	N C	ATAI	LYST	the s	pecif	icatio	n of w	hich is
attached	l hereto	un	less the	follow	ing b	oox is c	hecke	ed:		•												-

attached hereto unless the following	, box is checked:	•	- · .
	as United States Application Numbers amended on	mber or PCT International Application _ (if applicable).	
I hereby state that I have reviewed a by any amendment referred to above		above-identified specification, including t	the claims, as amended
I acknowledge the duty to disclose	information which is material to p	atentability as defined in 27 CFR § 1.56.	
certificate, or § 365(a) of any PCT below and have also identified be International application having a fi	International application which delow by checking the box, any filing date before that of the application	or § 365(b) of any foreign application(s) are signated at least one country other than the foreign application for patent or inventoration on which priority is claimed.	the United States, listed r's certificate, or PCT Priority
PRIOR FOREIGN APPLICATION			Not Claimed
APPLICATION NUMBER	COUNTRY	DAY/MONTH/YEAR FILED	
APPLICATION NUMBER	COUNTRY	DAY/MONTH/YEAR FILED	
I hereby claim the benefit under 35	U.S.C. § 119(e) of any United St	ates provisional application(s) listed below	w.
APPLICATION SERIAL NO.		FILING DATE	
60/291,827		May 18, 2001	
APPLICATION SERIAL NO.		FILING DATE	
			•••
I hereby claim the benefit under 35	U.S.C. § 120 of any United State	es application(s) or § 365(c) of any PCT I	nternational application
		ct matter of each of the claims of this app	—
	_	manner provided by the first paragraph	_
		atentability as defined in 37 CFR § 1.56	-

between the filing date of the prior application and the national or PCT International filing date of this application.

APPLICATION SERIAL NO.	FILING DATE	STATUS-PATENTED, PENDING, ABANDONED
APPLICATION SERIAL NO.	FILING DATE	STATUS-PATENTED, PENDING, ABANDONED

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

NAME	ATTORNEY/AGENT	REGISTRATION NUMBER	TELEPHONE NUMBER
Donald F. Haas	Attorney	26,177	(713) 241-3356
NAME	ATTORNEY/AGENT	REGISTRATION NUMBER	TELEPHONE NUMBER
Richard F. Lemuth	Attorney	30,081	(713) 241-3716

Revised June 1995

SEND CORRESPONDENCE TO:

(NAME) Donald F. Haas c/o Shell Oil Company **Intellectual Property** P.O. Box 2463 Houston, TX 77252-2463

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

ATTORNEY'S DOCKET NO.
TH1615 (US)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

John Frederick KNIFTON	
INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE	CITIZENSHIP
14855 Memorial Drive #2501, Houston, Texas 77079	United States
14855 Memorial Drive #2501, Houston, Texas 77079 POST OFFICE ADDRESS	
CE ADDRESS Iemorial Drive #2501, Houston, Texas 77079	

FULL NAME OF SECOND JOINT INVENTOR, IF ANY (given name, family name)	
Talmadge Gail JAMES	
SECOND INVENTOR'S SIGNATURE	DATE SIGNED
Talinadge Hail James	7/1602
RESIDENCE	CITIZENSHIP
3346 South Pinebark, Conroe, Texas 77303	United States
POST OFFICE ADDRESS	
3346 South Pinebark, Conroe, Texas 77303	•

FULL NAME OF SOLE OR FIRST INVENTOR (given name, family name) Lynn Henry SLAUGH	•
INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE	CITIZENSHIP
13415 Copeland Oaks Road, Houston, Texas 77429	United States
POST OFFICE ADDRESS 13415 Copeland Oaks Road, Houston, Texas 77429	

FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name) Paul Richard WEIDER	
FOURTH INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE	CITIZENSHIP
15014 Tramore, Houston, Texas 77083	United States
POST OFFICE ADDRESS	
15014 Tramore, Houston, Texas 77083	

FULL NAME OF THIRD JOINT INVENTOR, IF ANY (given name, family name)		
Kevin Dale ALLEN		
THIRD INVENTOR'S SIGNATURE	DATE SIGNED	
DECIDENCE	CITIZENSHIP	
RESIDENCE		
20530 Serrington Drive, Katy, Texas 77449	United States	
POST OFFICE ADDRESS		
20530 Serrington Drive, Katy, Texas 77449		

Page 3 of 3

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

ATTORNEY'S DOCKET NO. TH1615 (US)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST INVENTOR (given name, family name)	
Joseph Broun POWELL	
INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE	CITIZENSHIP
10506 Normont Drive, Houston, Texas 77070	United States
POST OFFICE ADDRESS	
10506 Normont Drive, Houston, Texas 77070	
FULL NAME OF SECOND JOINT INVENTOR, IF ANY (given name, family name)	
SECOND INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE	CITIZENSHIP
POST OFFICE ADDRESS	
FULL NAME OF THIRD JOINT INVENTOR, IF ANY (given name, family name)	
THIRD INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE	CITIZENSHIP
, , , , , , , , , , , , , , , , , , ,	
POST OFFICE ADDRESS	
TOST OFFICE ADDICES	
<u></u>	
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name)	
FOURTH INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE	CITIZENSHIP
POST OFFICE ADDRESS	
<u> </u>	
FULL NAME OF FIFTH I JOINT INVENTOR, IF ANY (given name, family name)	
FOLL NAME OF FIFTH FOUNT IN VENTOR, IF ANY 1 (given hame, failing hame)	
PUTTIL DILITORIO DIO MANIATURE	DAME ALCULED
FIFTH INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE	CITIZENSHIP
POST OFFICE ADDRESS	